



# 400 Series Core Barrel

## *An Innovative Conventional Slimhole Design for 4-3/4" Hole Applications*

### Benefits

- Largest core available in 4-3/4" hole size - 2-3/8" vs traditional 2-1/8"
  - 9.5% increase in core diameter
  - 50% longer run lengths vs. traditional designs
- Faster coring at lower bit weight from high-efficiency cutting structure
  - 7.5% decrease in kerf area
  - Deep leach cutter technology

SPECIFICATIONS	
Hole Size Range	4-3/4" (121 mm)
Core Diameter	2-3/8" (59 mm)
Outer Tube OD	4.12" (105 mm)
Top Connection	2-3/8" IF
Length	30 - 60 ft (9 - 18 m)
Make Up Torque	7000 ft-lbs (9,000 Nm)
Yield Torque	16,000 ft-lbs (22,000 Nm)
Tensile Yield	230,000 lbs (102,000 daN)
Weight-on-Bit	1,000 to 10,000 lbs (400 daN - 4,400 daN)
Fluid Flow Range	70-150 gpm (260 - 570 l/min)



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